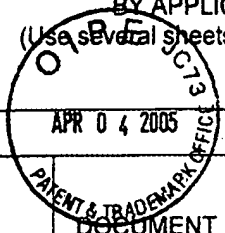


FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P23697	Application No. 10/646,698	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA		
				Filing Date August 25, 2003		Group 2851



U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
<i>cr</i>	4 7 9 1 4 4 1	12/13/88	NISHI et al.						
<i>cr</i>	4 4 5 1 1 2 9	05/29/84	IKARI et al.						
<i>cr</i>	3 3 7 7 4 2 7	04/09/68	FISCHER						
<i>cr</i>	5 7 1 5 4 8 2	02/03/98	WAKABAYASHI et al.						
<i>cr</i>	4 5 9 7 6 5 7	07/01/86	WAKABAYASHI et al.						
<i>cr</i>	4 8 4 1 3 2 3	06/20/89	MINORU et al.						

FOREIGN PATENT DOCUMENTS									
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO.			
<i>cr</i> 8 - 3 1 3 7 9 0	11/29/96	JAPAN							
<i>cr</i> 6 - 2 3 0 2 6 3	08/19/94	JAPAN							
<i>cr</i> 10 - 2 5 4 0 5 4	09/25/98	JAPAN							
<i>cr</i> 2003 - 1 4 9 7 2 3	05/21/03	JAPAN							
<i>cr</i> 2000 - 0 2 3 0 0 2	01/21/00	JAPAN							
<i>cr</i> 6 - 3 0 8 5 9 2	11/04/94	JAPAN							
<i>cr</i> 7 - 1 9 9 0 1 9	08/04/95	JAPAN							
<i>cr</i> 5 - 3 1 3 2 2 6	11/26/93	JAPAN							
<i>cr</i> 7 - 2 9 5 0 5 0	11/10/95	JAPAN							
<i>cr</i> 9 - 5 8 4 9	01/10/97	JAPAN							
<i>cr</i> 61 - 1 3 3 9 3 3	06/21/86	JAPAN							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
<i>cr</i>	1 English Language Abstract of JP 8-313790.
<i>cr</i>	2 English Language Abstract of JP 6-230263.
<i>cr</i>	3 English Language Abstract of JP 10-254054.
<i>cr</i>	4 English Language Abstract of JP 2000-023002.
<i>cr</i>	5 English Language Abstract of JP 6-308592.
<i>cr</i>	6 English Language Abstract of JP 7-199019.
<i>cr</i>	7 English Language Abstract of JP 5-313226.
<i>cr</i>	8 English Language Abstract of JP 7-295050.
<i>cr</i>	9 English Language Abstract of JP 9-5849.
<i>cr</i>	10 English Language Abstract of JP 61-133933.

EXAMINER <i>cr</i>	DATE CONSIDERED <i>Oct 14, 2005</i>
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[illegible]

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P23697		Serial No. 10/646,698							
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA									
				Filing Date August 25, 2003		Group 2873							
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	5	5	8	7	7	5	4	12/24/96	KATAYAMA et al.				
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EXAMINER <u>D. Gray</u>										DATE CONSIDERED <u>8/16/04</u>			
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U.S. PATENT DOCUMENTS												
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	5 2 2 3	8 7 3	06/29/93 TSUBOI									
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FOREIGN PATENT DOCUMENTS												
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U.S. PATENT DOCUMENTS												
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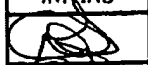

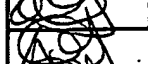
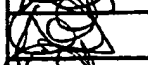





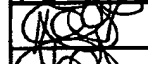
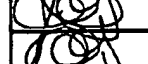

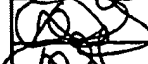



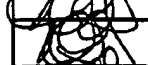



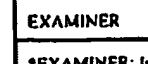
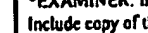




OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	1	English Language Abstract of JP 58-10708.
	2	English Language Abstract of JP 2003-207709.
	3	English Language Abstract of JP 2002-277719.
	4	English Language Abstract of JP 10-282394.
	5	English Language Abstract of JP 58-162914.

EXAMINER <u>Dr Gray</u>	DATE CONSIDERED <u>8/16/04</u>
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				Filing Date August 25, 2003		Group 2873	



U.S. PATENT DOCUMENTS													
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			6	0	3	1	9	9	02/29/00	SHONO			
			4	4	5	1	1	2	05/29/84	IKARI et al.			

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